IMPORTANT USER GUIDANCE
DC AIRCUBE 2000 AIR CLEANER

READ ALL THE INSTRUCTIONS BEFORE USING THE EQUIPMENT

General Specification: the DC AirCube 2000 is intended for cleaning the air within a work area, and is for use as a compliment to spot extraction [for spot extraction equipment and other air cleaning devices from Envirogard see our website www.envirogard.co.uk]. Air is passed through a combination pre-filter (which removes large particles) and a micro (HEPA) filter. The HEPA filter separates out up to 99.995% of small particulates.

The AirCube can be used upright and free standing (see picture right) as an air-scrubber which returns the cleaned air back to the workplace; this minimises disturbance of settled dust. The AirCube can also be used to discharge air from workplaces which need to be kept under negative pressure – this is achieved using 315mm dia. hose which may be attached to the AirCube inlet, outlet, or both (see picture below right).

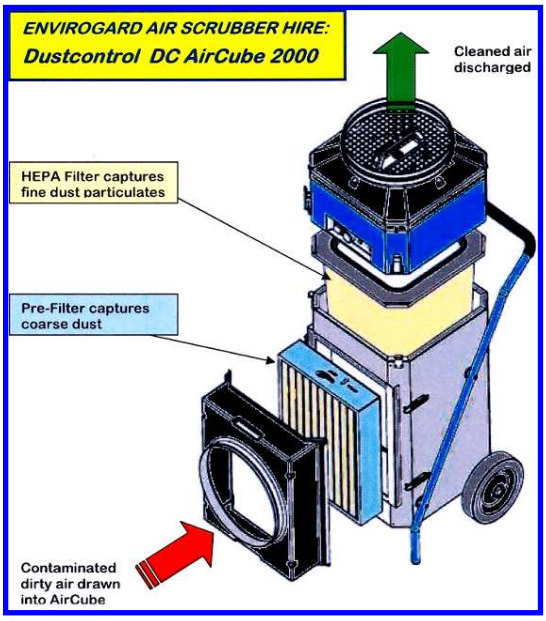
Technical Date: 110v single phase electric motor, power 500W, connection via trailing lead with 110v 16A plug. Airflow variable control 0–1850 m3/hr. Dimensions 970 x 600 x 340mm, weight 25kg, sound level 62 – 74 dB(A), inlet and discharge spigot 315m diameter. Max. negative pressure 500Pa, ultimate filter: Microfilter H13 HEPA 99.995%.

1. **Installation:** the equipment is designed to be installed inside the workplace, in a dry area, on a level surface. Do not use this equipment in a damp or wet location nor in the presence of flammable liquids or gases. Once in place connect the machine to a power supply.

- When used in standard configuration (without ducting) the fan outlet discharges clean air upwards to minimise disturbance of settled dust (as photo above top right). Filtered air must be allowed to freely discharge from the machine;

- When used with ducting the AirCube may stand upright or be placed on its side. Use reinforced ducting that will resist collapse but remember that long runs of ducting will reduce the achieved air-movement capacity of the equipment – max. ducting length recommended is 16m @ 315mm dia. Ensure there is no obstruction in the ducting.

2. **Operation:** switch on and rotate the variable speed dial to achieve the required airflow. The fan will take a few seconds to start and reach operational speed, air will then be drawn in through the pre-filter.



Flow Indicator: as the machine removes particulates the filter system progressively blocks causing a reduction in flow through the AirCube. The equipment is fitted with a red low-flow indicator light; if this red light comes on, or if there is noticeable loss of suction capacity - first check the following:

POSSIBLE CAUSE	SOLUTION
Inlet / outlet / or ducting obstructed ?	Remove obstruction
Pre-filter wet or blocked by dust ?	Replace with new pre-filter
HEPA Microfilter blocked ?	If you think the HEPA is blocked contact *Envirogard* for further instruction.

3. **Warning:** the HEPA filter is protected from mechanical damage by a metal screen/facing; in no circumstances should the HEPA filter media be touched – it is not a user serviceable item. Should the protective screen / filter media sustain mechanical damage the equipment must be taken out of service and returned to Envirogard.

If you use this equipment for dusts which are - or might reasonably be considered - a hazard to health you **MUST** disclose this to *Envirogard*, and you must follow the local regulations relevant to the material you are working with.
Note this machine MUST NOT be used for collection of asbestos dusts.

4. **After Use:** on completion of work **always** clean off the outside of the machine (with a vacuum if possible), and close the inlet spigot with a transit cover or polythene bag to prevent dust escape during transport. Dispose of any ducting used responsibly – it may be contaminated with the airborne dust you have been collecting !

FOR MORE INFORMATION ABOUT OUR RANGE OF SPECIALIST AIR FILTRATION AND VACUUM EQUIPMENT PLEASE SEE OUR WEBSITE www.envirogard.co.uk OR CONTACT OUR HIRE DEPOTS

Envirogard Hires
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